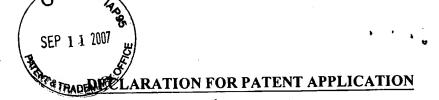
PP00365.301 PATENT



As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: NEISSERIA MENINGITIDIS ANTIGENS AND COMPOSITIONS

the specification of which (check one) __ is attached hereto X was filed on 30 April 1999, as Application Serial No. PCT/US99/09346, and was amended on 04 September 2000 (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Number Country Day/Month/Year Filed Priority Claimed
Yes No

N/A

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application Serial No.	Filing Date	Status Patented, Pending, Abandoned
N/A	·	

PP00365.301 PATENT Monthly appropriation

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application	Status		
Serial No.	Filing Date	Filing Date Patented, Pending, Abandoned	
60/083,758	1 May 1998	X	
60/094,869	31 July 1998	X	
60/098,994	2 September 1998	X	
60/099,062	2 September 1998	X	
60/103,749	9 October 1998	X	
60/103,794	9 October 1998	X	
60/103,796	9 October 1998	X	
60/121,528	25 February 1999	X	

I hereby declare that all statements herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor FRASER, Claire	
Inventor's signature	Date
Residence	
Citizenship	
Post Office Address same as above	
2-0	
Full name of second inventor GALEOTTI, Cesira	
Inventor's signature CANA, Galeoth	Date 48 November 2000
Residence LOCALITA PIANUZZO 4 53036	POGGIBONSI (SI) ITALY ITALY
Citizenship ITALIAN	
Post Office Address same as above	

Full name of third-inventor GRANDI, Guido
Inventor's signature Date 28 NOVETINEK 2000
T+V
Residence YIA NONA STILADIA, 4 SEGNATE (MI), ITALY ITALY
CitizenshipTALY
Post Office Address same as above
4 D
Full name of fourth inventor HICKEY, Erin
Inventor's signature Date
Residence
Citizenship
Post Office Address same as above
S-W
Full name of fifth inventor MASIGNANI, Vega
Inventor's signature Date 28/11/2000
Residence VIA PANTANTO Mº 105 S3100 SIENA (ITALY)
Citizenship ITALY
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Post Office Address same aspects
Full name of sixth inventor MORA, Marirosa
Inventor's signature /// 01/1000 Date 28/11/2000
Inventor's signature // 01/1000 // Date 28/11/2000 Residence VIA LUCHERINI 12 53 100 51 ENA (178LY) IT
Citizenship 17ALY
Post Office Address same as above

Full name of seventh inventor PETERSEN, Jeremy	
nventor's signature	Date
Residence	
Citizenship	
Post Office Address same as above	
4 1)	
Full name of eighth inventor PIZZA, Mariagrazia	
Inventor's signature Naviagraza Pieza	Date 98 NOVEMBER 2000
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Citizenship ITALY	
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9-10)
Full name of ninth inventor RAPPUOLI, Rino	0
Inventor's signature	Date 28 NOVEMBER 2007
Residence VIA DELLE ROCCHE 1 53:	019 VAGLIAGLI (SI), ITALY H
CitizenshipITALY	
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11-10	
Full name of tenth inventor RATTI, Giulio	26
Inventor's signature	Date 29 MOVEMBER 2000
Residence VIALE BIANCHI BANDINELLI,	6,53100 SIENA, ITALY
CitizenshipTALY	
Post Office Address same as above	

11-0

Full name of eleventh inventor SCARLATO, Vincenzo	
Inventor's signature Vinceryo Herlek	Date
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Citizenship ITALY	
Post Office Address same as above	
Full name of twelfth inventor SCARSELLI, Maria	
Inventor's signature Colon	e (casel) Date 28/ 11/2000
Inventor's signature COlon Residence VIA PIETRI Nº 1 - 53 in	DO SIEND (TALY) (TT
Citizenship ITALY	
Post Office Address same as above	
Full name of thirteenth inventor TETTELIN, Herve	
Inventor's signature	
Residence	
Citizenship	
Post Office Address same as above	
140	
Full name of fourteenth inventor VENTER, J. Craig	Data
Inventor's signature	
Residence	
Citizenship	
Deat Office Address Same as about	

DECLARATION FOR PATENT APPLICATION

		•				
As a below named inve	ntor, I hereby o	leclare that:				
My residence, post offic	My residence, post office address and citizenship are as stated below next to my name.					
I believe I am the origin joint inventor (if plural patent is sought on the COMPOSITIONS	names are liste	d below) of the	subject matter	which is cla	aimed and	for which a
the specification of whi Application Serial No.						
I hereby state that I have including the claims, as			contents of the	above-ide	ntified spec	cification,
I acknowledge the duty accordance with Title 3				•	ition of this	s application in
I hereby claim foreign papplication(s) for patent application for patent opriority is claimed:	t or inventor's	certificate listed	below and have	e also ident	tified belov	w any foreign
Prior Foreign Applicati Number	on(s) Country	Day/Month/Y	ear Filed		Priority Cl Yes	No ·
N/A				·		
I hereby claim the bene listed below and, insofa prior United States app Code, §112, I acknowle Regulations, §1.56(a) v PCT international filing	ar as the subject lication in the redge the duty to which occurred	t matter of each manner provided o disclose mater between the fili	of the claims of the first partial ial information	f this applic ragraph of as defined	cation is no Title 35, U in Title 37	ot disclosed in the Inited States , Code of Federa
Application Serial No.	Filing Da	ite	Patented, P		tatus oandoned	•
N/A			•			•

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I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

	• •		
Status			
Filing Date	Patented, Pending, Abandoned		
1 May 1998	X		
31 July 1998	X		
2 September 1998	X		
2 September 1998	X		
9 October 1998	X		
9 October 1998	X		
9 October 1998	X		
25 February 1999	X		
	1 May 1998 31 July 1998 2 September 1998 2 September 1998 9 October 1998 9 October 1998 9 October 1998		

I hereby declare that all statements herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor FRASER, Claire	
Inventor's signature Clause M. Stasen	Date ///2/00
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Full name of second inventor GALEOTTI, Cesira	
Inventor's signature	Date
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Full name of third inventor GRANDI, Guido	
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Inventor's signature	Date
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Citizenship	
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Full name of sixth inventor MORA, Marirosa	
Inventor's signature	Date
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Citizenship	
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Full name of eighth inventor PIZZA, Mariagrazia	
Inventor's signature	Date
Residence	
Citizenship	·
Post Office Address same as above	
Full name of ninth inventor RAPPUOLI, Rino	<u>.</u>
Inventor's signature	Date
Residence	
Citizenship	
Post Office Address same as above	· · · · · · · · · · · · · · · · · · ·
Full name of tenth inventor RATTI, Giulio	
Inventor's signature	Date
Residence	· · · · · · · · · · · · · · · · · · ·
Citizenship	
Post Office Address same as above	

Full name of eleventh inventor SCARLATO, Vincenzo	
Inventor's signature	Date
Residence	
Citizenship	
Post Office Address same as above	
Full name of twelfth inventor SCARSELLI, Maria	
Inventor's signature	Date
Residence	·
Citizenship	
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Full name of thirteenth inventor TETTELIN, Herve	
Inventor's signature	Date 11/10/00
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Full name of fourteenth inventor VENTER, J. Craig	·
Inventor's signature	Date
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Citizenship US	
Post Office Address same as above	